EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	8283301	delay chang$3 refractive adj index ((optical adj transmission adj path) or fib$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/27 00:15
L4	41	delay chang$3 (refractive adj index) ((optical adj transmission adj path) or fib$3)	US-PGPUB; USPAT	WITH	ON	2009/02/27 00:16
S1	1280	398/79.ccls.	US-PGPUB; USPAT	OR	ON	2009/02/23 18:55
S2	815957	398/79.ccls. and multi mod2 fib$3	US-PGPUB; USPAT	OR	ON	2009/02/23 18:57
S3	55	398/79.ccls. and multi mod2 fib$3	US-PGPUB; USPAT	NEAR	ON	2009/02/23 18:58
S4	986	(multiplex$4 or wdm) and (extract$4 or de $multiplex$4) and S1	US-PGPUB; USPAT	NEAR	ON	2009/02/23 19:00
S5	479	(multiplex$4 or wdm) and (extract$4 or de $multiplex$4) and reflect $5 and S1	US-PGPUB; USPAT	NEAR	ON	2009/02/23 19:00
S6	136	(multiplex$4 or wdm) and ((extract$4 or de $multiplex$4) with reflect $5) and S1	US-PGPUB; USPAT	NEAR	ON	2009/02/23 19:01
S7	20	(multiplex$4 or wdm) and ((extract$4 or de $multiplex$4) with reflect $5) and delay and S1	US-PGPUB; USPAT	NEAR	ON	2009/02/23 19:01
S8	21	(multiplex$4 or wdm or photo coupl$5 or coupl $5) and ((extract$4 or de $multiplex$4) with reflect $5) and delay and S1	US-PGPUB; USPAT	NEAR	ON	2009/02/23 19:04
S9	37	(Niiho-Tsutomu$ Masuda-Kouichi$).in.	US-PGPUB; USPAT	OR	ON	2009/02/23 19:04
S10	131	(multiplex$4 or wdm) and ((extract$4 or de $multiplex$4) with reflect $5) and (transmit$5 or light sources) and S1	US-PGPUB; USPAT	NEAR	ON	2009/02/23 19:07

S11	124	(multiplex$4 or wdm) and ((extract$4 or de $multiplex$4) with reflect $5) and (transmit$5 or light sources) and (receiv $5 or photo$diod$3 or photo$receiv$5 or photo $detect$5 orphoto$sens $5) and S1	US-PGPUB; USPAT	NEAR	ON	2009/02/23 19:07
S12	9	("20010013962" | "20030095736" | "5251001" | "5894247" | "5907417" | "5920414" | "6304350" | "6323994" | "6868200").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/23 19:12
S13	6	(multiplex$4 or wdm) and ((extract$4 or de $multiplex$4) with reflect $5) and (plural$4 (transmit$5 or light sources)) and (plural$4 (receiv$5 or photo$diod $3 or photo$receiv$5 or photo$detect$5 orphoto $sens$5)) and S1	US-PGPUB; USPAT	NEAR	ON	2009/02/23 19:17
S14	5	("5896211" | "6604872" | "6826368" | "6826934" | "6847477").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/23 19:17
S15	98	(multiplex$4 or wdm) and ((extract$4 or de $multiplex$4) with reflect $5) and (plural$4 (transmit$5 or light sources)) and (plural$4 (receiv$5 or photo$diod $3 or photo$receiv$5 or photo$detect$5 orphoto $sens$5))	US-PGPUB; USPAT	NEAR	ON	2009/02/23 19:18
S16	17	("4646361" | "4736464" | "4807227" | "5055795" | "5134509" | "5239401" | "5267073" | "5349463" | "5452115" | "5467212" | "5504609" | "5596436" | "5784184" | "5801858" | "5896211" | "6118566" | "6222658").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/23 19:20
S17	48	("5784184").URPN.	USPAT	OR	ON	2009/02/23 19:21

S20	46	("4641371" | "4677618" | "4736120" | "4807227" | "4933929" | "4945531" | "4973953" | "4989199" | "5050952" | "5065396" | "5140456" | "5157530" | "5166821" | "5185736" | "5200964" | "5257124" | "5267073" | "5271024" | "5283686" | "5295209" | "5321543" | "5339183" | "5363229" | "5455699" | "5461622" | "5465267" | "5467212" | "5483372" | "5487120" | "5493625" | "5504609" | "5532864" | "5557439" | "5559910" | "5587830" | "5608571" | "5625722" | "5633741" | "5710650" | "5715076" | "5774244" | "5784184" | "5887039" | "5938309" | "6031644" | "6233077").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/23 19:22
S21	25	multi$mode and S15	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/23 19:36
S23	23	multi$mode and ("7058311" or "5504609")	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/23 19:38
S27	84	infe$5.as.	US-PGPUB; USPAT; USOCR	NEAR	ON	2009/02/23 19:40
S28	10406	inf$5.as.	US-PGPUB; USPAT; USOCR	NEAR	ON	2009/02/23 19:40
S29	9052	infin$5.as.	US-PGPUB; USPAT; USOCR	NEAR	ON	2009/02/23 19:40
S30	9019	infin$3.as.	US-PGPUB; USPAT; USOCR	NEAR	ON	2009/02/23 19:41
S31	168	infinera.as.	US-PGPUB; USPAT; USOCR	NEAR	ON	2009/02/23 19:41
S32	11	(US-20050226616-$ or US-20050266854-$ or US-20050041971-$ or US-20060088319-$).did. or (US-7272323-$ or US-5896211-$ or US-6661973-$ or US-7058311-$ or US-6618176-$ or US-4807227-$ or US-5504609-$).did.	US-PGPUB; USPAT	OR	ON	2009/02/23 22:15
S33	23	multi$mode and ("7058311" or "5504609")	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/23 22:15

S34	14	("5666447").URPN.	USPAT	OR	ON	2009/02/23 22:20
S35	25	(multiplex$4 or wdm) and ((extract$4 or de$multiplex$4) with reflect$5) and (plural$4 (transmit$5 or light sources)) and (plural$4 (receiv$5 or photo$diod$3 or photo$receiv$5 or photo$detect$5 orphoto$sens$5)) and multimod2	US-PGPUB; USPAT	NEAR	ON	2009/02/23 22:22
S39	3	("5457760" | "6061481" | "6640024").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/23 22:26
S41	17	("6160931").URPN.	USPAT	OR	ON	2009/02/23 22:29
S42	226	(multiplex$4 or wdm) and ((extract$4 or de$multiplex$4)) and (plural$4 (transmit$5 or light sources)) and (plural$4 (receiv$5 or photo$diod$3 or photo$receiv$5 or photo$detect$5 orphoto$sens$5)) and multimod2	US-PGPUB; USPAT	NEAR	ON	2009/02/23 22:30
S43	65	(multiplex$4 or wdm) and ((extract$4 or de$multiplex$4)) and (plural$4 (transmit$5 or light sources)) and (plural$4 (receiv$5 or photo$diod$3 or photo$receiv$5 or photo$detect$5 orphoto$sens$5)) and multimod2 and "398"/.ccls.	US-PGPUB; USPAT	NEAR	ON	2009/02/23 22:31
S44	81	(multiplex$4 or wdm) and ((extract$4 or de$multiplex$4)) and (plural$4 (transmit$5 or light sources)) and (plural$4 (receiv$5 or photo$diod$3 or photo$receiv$5 or photo$detect$5 orphoto$sens$5)) and multimod2 (fib$3)	US-PGPUB; USPAT	NEAR	ON	2009/02/23 23:04

S45	47	(multiplex$4 or wdm) and ((extract$4 or de $multiplex$4)) and (plural$4 (transmit$5 or light sources)) and (plural$4 (receiv$5 or photo$diod$3 or photo $receiv$5 or photo $detect$5 orphoto$sens $5)) and multi$mod$2 (fib$3) not S43	US-PGPUB; USPAT	NEAR	ON	2009/02/23 23:05
S46	2	"20020105704"	US-PGPUB; USPAT	NEAR	ON	2009/02/23 23:10
S49	16	("3777150" | "3780295" | "3980392" | "4050782" | "4637683" | "4709413" | "4732448" | "4807954" | "4815807" | "5370643" | "5699464" | "5963349" | "6064786" | "6243508" | "6304352" | "6516116").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/23 23:12
S50	20	("4050782").URPN.	USPAT	OR	ON	2009/02/23 23:13
S54	4447	multimod2 (fib$4 or (optical transmi$5))	USPAT	NEAR	ON	2009/02/23 23:25
S55	7383	multimod2 (fib$4 or (optical transmi$5))	US-PGPUB; USPAT	NEAR	ON	2009/02/23 23:25
S56	81	(multiplex$4 or wdm) and ((extract$4 or de $multiplex$4)) and (plural$4 (transmit$5 or light sources)) and (plural$4 (receiv$5 or photo$diod$3 or photo $receiv$5 or photo $detect$5 orphoto$sens $5)) and multi$mod$2 (fib$3) and S55	US-PGPUB; USPAT	NEAR	ON	2009/02/23 23:26
S57	122	(multimod2 (fib$4 or (optical transmi$5))).ti.	US-PGPUB; USPAT	NEAR	ON	2009/02/23 23:32
S58	22	(multimod2 (fib$4 or (optical transmi$5))).ti. and wdm	US-PGPUB; USPAT	NEAR	ON	2009/02/23 23:33
S60	4	("4143941" | "4867519" | "5321541" | "6094285").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/23 23:44
S61	49	("5659644").URPN.	USPAT	OR	ON	2009/02/23 23:45
S62	2	"6525853" and (wdm or transmi$6 or receiv$5 or sourc$2 or delay$4)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 14:00

S65	39	Multimode WDM	US-PGPUB; USPAT	NEAR	ON	2009/02/24 14:14
S66	27	Multimode with WDM and delay	US-PGPUB; USPAT	NEAR	ON	2009/02/24 14:17
S67	30	("4973169").URPN.	USPAT	OR	ON	2009/02/24 14:21
S68	546	Multimode and WDM and delay	US-PGPUB; USPAT	NEAR	ON	2009/02/24 14:48
S70	469	Multimode and sources and WDM and delay	US-PGPUB; USPAT	NEAR	ON	2009/02/24 14:49
S71	425	Multimode and sources and WDM and delay and receiv$4	US-PGPUB; USPAT	NEAR	ON	2009/02/24 14:49
S73	107	Multimode and sources and WDM and delay and receiv$4 and "398"/.ccls.	US-PGPUB; USPAT	NEAR	ON	2009/02/24 14:50
S76	10	(propagation constant with high order mode)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 15:39
S79	129	(propagation constant and high order mode)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 15:43
S80	30	(propagation constant same high order mode)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 15:44
S81	3	S68 and S79	US-PGPUB; USPAT	NEAR	ON	2009/02/24 15:44
S82	17	Multimode and WDM and S79	US-PGPUB; USPAT	NEAR	ON	2009/02/24 15:46
S83	9	Multimode and WDM and Enhanced Multimode Fiber	US-PGPUB; USPAT	NEAR	ON	2009/02/24 15:48
S84	7	("20030012498" | "3966446" | "4038062" | "5867616" | "6131415" | "6205268" | "6415079"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/24 15:55
S85	2	("6839481").URPN.	USPAT	OR	ON	2009/02/24 15:55
S86	10	Multimode and WDM and (Enhanced Multimode Fiber or emf)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 15:56
S87	4	(propagation constant and high order mode) and S86	US-PGPUB; USPAT	NEAR	ON	2009/02/24 15:56
S88	4	(propagation constant and high order) and S86	US-PGPUB; USPAT	NEAR	ON	2009/02/24 15:57
S89	30	(propagation constant same high order mode)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 15:58
S90	4	Multimode and WDM and S89	US-PGPUB; USPAT	NEAR	ON	2009/02/24 15:58

S91	51	Multimode and sources and WDM and delay and receiv$4 and ((extract$4 or demultiplex$4) with reflect$5)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 16:21
S92	71	Multi$mode and sources and WDM and delay and receiv$4 and ((extract$4 or demultiplex$4) with reflect$5)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 16:21
S93	137	Multi$mode and sources and (WDM or multiplex$5) and delay and receiv$4 and ((extract$4 or demultiplex$4) with reflect$5)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 16:22
S94	156	("5917625").URPN.	USPAT	OR	ON	2009/02/24 17:32
S96	86	mode processing with reflect$5	USPAT	NEAR	ON	2009/02/24 17:41
S97	2	mode processing with reflect$5 with (demultiplex$4 or extract$4)	USPAT	NEAR	ON	2009/02/24 17:41
S98	5	mode processing with reflect$5 with (demultiplex$4 or extract$4)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 17:42
S99	343	reflect$5 with (wave $length (demultiplex$4 or extract$4))	US-PGPUB; USPAT	NEAR	ON	2009/02/24 17:43
S100	16	(reflect$5 with (wave $length (demultiplex$4 or extract$4))).ab.	US-PGPUB; USPAT	NEAR	ON	2009/02/24 17:43
S101	1	(reflect$5 with (wave $length (demultiplex$4 or extract$4))) with propagation constant	US-PGPUB; USPAT	NEAR	ON	2009/02/24 18:01
S102	12	(reflect$5 with (wave $length (demultiplex$4 or extract$4))) and propagation constant	US-PGPUB; USPAT	NEAR	ON	2009/02/24 18:01
S103	206	(reflect$5 and (wave $length (demultiplex$4 or extract$4))) and propagation constant	US-PGPUB; USPAT	NEAR	ON	2009/02/24 18:09
S106	2	(reflect$5 and (wave $length (demultiplex$4 or extract$4))) and (propagation constant with high order mode)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 18:11

S107	86	(reflect$5 and (wave $length (demultiplex$4 or extract$4))) and (propagation constant different)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 18:12
S114	7	(reflect$5 with ((demultiplex$4 or extract$4))) and wave $length$2 with (propagation constant different)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 18:30
S115	64	((light or optic$2) sours $2 or transmi$5) with (propagation constant different)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 18:36
S116	31	(reflect$5 with ((demultiplex$4 or extract$4))) and S115	US-PGPUB; USPAT	NEAR	ON	2009/02/24 18:37
S117	6	((light or optic$2) (sours $2 or transmi$5)) with (propagation constant different)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 18:38
S118	9	398/79.ccls. and (propagation constant different)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 18:40
S119	9	398/79.ccls. and (propagation constant different) and propagation constant	US-PGPUB; USPAT	NEAR	ON	2009/02/24 18:43
S120	9	398/79.ccls. and (propagation constant differ$4) and propagation constant	US-PGPUB; USPAT	NEAR	ON	2009/02/24 18:43
S121	25	398/79.ccls. and (propagation constant) and propagation constant	US-PGPUB; USPAT	NEAR	ON	2009/02/24 18:44
S122	21	(multi$mode fib$3 or mmf) with (propagation constant)	US-PGPUB; USPAT	NEAR	ON	2009/02/24 19:06
S123	1	"20090016724"	US-PGPUB; USPAT	NEAR	ON	2009/02/25 10:32
S124	6	circulator$2 fiber adj brag$grat$4	US-PGPUB; USPAT	WITH	ON	2009/02/25 10:41
S125	246	circulator$2 ((fib$2 adj brag$grat$4) or fbg$1)	US-PGPUB; USPAT	WITH	ON	2009/02/25 10:41
S126	246	circulator$2 ((fib$3 adj bragg$grat$4) or fbg$1)	US-PGPUB; USPAT	WITH	ON	2009/02/25 10:42

S127	26	circulator$2 ((fib$3 adj bragg$grat$4) or fbg$1) (de$multiplex$4 or extract$4)	US-PGPUB; USPAT	WITH	ON	2009/02/25 10:42
S131	16	circulator$2 ((fib$3 adj bragg$grat$4) or fbg$1) (de$multiplex$4 or extract$4) and propagation near constant	US-PGPUB; USPAT	AND	ON	2009/02/25 11:03
S133	3	circulator$2 ((fib$3 adj bragg$grat$4) or fbg$1) (de$multiplex$4 or extract$4) and "5754718"	US-PGPUB; USPAT	AND	ON	2009/02/25 11:21
S134	17	("5048909" | "5283686" | "5461685" | "5499308" | "5608825" | "5629995" | "5652814" | "5706375" | "5712717" | "5726785" | "5737104" | "5748350" | "5754718" | "5822095" | "5841918" | "5852505" | "5859941").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/25 11:21
S135	57	("5652814").URPN.	USPAT	OR	ON	2009/02/25 11:29
S139	66	(wdm or de$multiplex$4 or circulat$4 or multiplex$4 or multi$mode or propagat$4 or constant or reflect$5) and "5608825"	US-PGPUB; USPAT	OR	ON	2009/02/25 11:46
S141	2	(wdm or de$multiplex$4 or circulat$4 or multiplex$4 or multi$mode or propagat$4 or constant or reflect$5) and "5608825" and propagation constant	US-PGPUB; USPAT	NEAR	ON	2009/02/25 11:47
S142	14	(wdm or de$multiplex$4 or circulat$4 or multiplex$4 or multi$mode or propagat$4 or constant or reflect$5) and "5608825" and multi$mode	US-PGPUB; USPAT	NEAR	ON	2009/02/25 11:48

S143	4	(wdm or de$multiplex$4 or circulat$4 or multiplex $4 or multi$mode or propagat$4 or constant or reflect$5 or free adj space) and ("5768450" or "20020075537" or "20090016724" or "5608825").pn.	US-PGPUB; USPAT	OR	ON	2009/02/25 12:10
S144	4	(wdm or de$multiplex$4 or circulat$4 or multiplex $4 or multi$mode or propagat$4 or constant or reflect$5 or free adj space or delay) and ("5768450" or "20020075537" or "20090016724" or "5608825").pn.	US-PGPUB; USPAT	OR	ON	2009/02/25 12:17
S145	3	(circulat$4 or delay) and ("5768450" or "20020075537" or "20090016724" or "5608825").pn.	US-PGPUB; USPAT	OR	ON	2009/02/25 12:18
S146	106	(circulat$4 delay (grat$4 or bragg$grat$4 or fbg $1))	US-PGPUB; USPAT	WITH	ON	2009/02/25 12:20
S147	9	(circulat$4 delay (grat$4 or bragg$grat$4 or fbg $1)) and propagat$4 adj constant	US-PGPUB; USPAT	WITH	ON	2009/02/25 12:22
S148	16	(circulat$4 delay (grat$4 or bragg$grat$4 or fbg $1)) and multi$mod$2	US-PGPUB; USPAT	WITH	ON	2009/02/25 12:28
S149	25	(circulat$4 delay (grat$4 or bragg$grat$4 or fbg $1)) (multiplex or photo $coupl$5 or coupl$5)	US-PGPUB; USPAT	WITH	ON	2009/02/25 12:31
S150	33	(circulat$4 delay (grat$4 or bragg$grat$4 or fbg $1)) (multiplex$4 or photo$coupl$5 or coupl $5)	US-PGPUB; USPAT	WITH	ON	2009/02/25 12:31
S151	19	(circulat$4 delay (grat$4 or bragg$grat$4 or fbg $1)) same (multiplex$4 or photo$coupl$5)	US-PGPUB; USPAT	WITH	ON	2009/02/25 12:56

S152	17	("20040109164" | "20050035295" | "20050238070" | "20060217594" | "5155785" | "5259051" | "5309534" | "5421930" | "5461475" | "5680490" | "5737121" | "6091525" | "6370422" | "6452681" | "6470124" | "6687000" | "6747795").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/25 13:04
S154	471	mode wavelength propagation constant	US-PGPUB; USPAT	WITH	ON	2009/02/25 13:56
S155	426	mode wavelength propagation adj constant	US-PGPUB; USPAT	WITH	ON	2009/02/25 13:56
S156	1768	398/79,84,87.ccls.	US-PGPUB; USPAT	WITH	ON	2009/02/25 13:57
S157	8	S155 and S156	US-PGPUB; USPAT	WITH	ON	2009/02/25 13:57
S158	111	mode wavelength propagation adj constant and multimod2 fib$2	US-PGPUB; USPAT	WITH	ON	2009/02/25 14:07
S159	116	mode wavelength propagation adj constant and multimod2 fib$3	US-PGPUB; USPAT	WITH	ON	2009/02/25 14:07
S160	80	mode wavelength propagation adj constant and multimod2 adj fib $3	US-PGPUB; USPAT	WITH	ON	2009/02/25 14:07
S161	81	mode wavelength propagation adj constant and ((multimod2 adj fib$3) or mmf)	US-PGPUB; USPAT	WITH	ON	2009/02/25 14:08
S162	178	(wdm or multiplex$4) (de $multiplex$4) multi $mode propagat$4 adj constant	USPAT	AND	ON	2009/02/25 17:04
S163	278	(wdm or multiplex$4) (de $multiplex$4) multi $mode (propagat$4 adj constant) (ld or laser or led or ((light or optic$2) (transmit$4 or sourc $2)))	US-PGPUB; USPAT	AND	ON	2009/02/25 17:05
S164	242	(wdm or multiplex$4) (de $multiplex$4) multi $mode (propagat$4 adj constant) (ld or laser or led or ((light or optic$2) adj (transmit$4 or sourc $2)))	US-PGPUB; USPAT	AND	ON	2009/02/25 17:05

S165	149	(wdm or multiplex$4) (de $multiplex$4) multi $mode (propagat$4 adj constant) (ld or laser or led or ((light or optic$2) adj (transmit$4 or sourc $2))) (pd or photo $detect$4 or photo$diod $2 or ((light or optic$2) adj (receiv$4 or detect $4 or sens$5)))	US-PGPUB; USPAT	AND	ON	2009/02/25 17:07
S167	45	(wdm or multiplex$4) (de $multiplex$4) ((multi $mode near1 fib$3) or mmf) (propagat$4 adj constant) (ld or laser or led or ((light or optic$2) adj (transmit$4 or sourc $2))) (pd or photo $detect$4 or photo$diod $2 or ((light or optic$2) adj (receiv$4 or detect $4 or sens$5)))	US-PGPUB; USPAT	AND	ON	2009/02/25 17:07
S170	58	(US-20050226616-$ or US-20050266854-$ or US-20050041971-$ or US-20060088319-$ or US-20050281505-$ or US-20050157995-$ or US-20020167693-$ or US-20020015555-$ or US-20040197048-$ or US-20080074645-$ or US-20060133714-$ or US-20060066839-$ or US-20050008295-$ or US-20050129404-$ or US-20060013527-$ or US-20050259935-$ or US-20080007733-$ or US-20060120722-$ or US-20060045416-$ or US-20060029392-$ or US-20050105902-$ or US-20030108292-$ or US-20020131114-$ or US-20020089717-$ or US-20020075537-$ or US-20040101242-$).did. or (US-20020071155-$ or US-20040105675-$ or US-20070047963-$).did. or (US-7272323-$ or US-5896211-$ or US-6661973-$ or US-7058311-$ or US-6618176-$ or US-	US-PGPUB; USPAT	OR	ON	2009/02/25 17:24

		4807227-$ or US-5504609-$ or US-6525853-$ or US-7242870-$ or US-5278687-$ or US-7380993-$ or US-7061657-$ or US-6870974-$ or US-6587615-$ or US-6522794-$ or US-5917625-$ or US-5408091-$ or US-6226091-$ or US-5832148-$ or US-5422898-$ or US-5517589-$ or US-6559988-$ or US-5652814-$ or US-6735361-$ or US-5608825-$ or US-7206509-$).did. or (US-6626591-$ or US-5379142-$ or US-5099114-$).did.				
S171	4	(wdm or multiplex$4) (de$multiplex$4) ((multi$mode near1 fib$3) or mmf) (propagat$4 adj constant) (ld or laser or led or ((light or optic$2) adj (transmit$4 or sourc$2))) (pd or photo$detect$4 or photo$diod$2 or ((light or optic$2) adj (receiv$4 or detect$4 or sens$5))) and S170	US-PGPUB; USPAT	AND	ON	2009/02/25 17:26
S172	4	(wdm or multiplex$4 or combin$4) (de$multiplex$4 or extract$5 or de$combin$5) ((multi$mode near1 fib$3) or mmf) (propagat$4 adj constant) (ld or laser or led or ((light or optic$2) adj (transmit$4 or sourc$2))) (pd or photo$detect$4 or photo$diod$2 or ((light or optic$2) adj (receiv$4 or detect$4 or sens$5))) and S170	US-PGPUB; USPAT	AND	ON	2009/02/25 17:27

S173	72	(wdm or multiplex$4 or combin$4) (de$multiplex $4 or extract$5 or de $combin$5) ((multi $mode near1 fib$3) or mmf) (propagat$4 adj constant) (ld or laser or led or ((light or optic$2) adj (transmit$4 or sourc $2))) (pd or photo $detect$4 or photo$diod $2 or ((light or optic$2) adj (receiv$4 or detect $4 or sens$5)))	US-PGPUB; USPAT	AND	ON	2009/02/25 17:28
S174	27	(wdm or multiplex$4 or combin$4) (de$multiplex $4 or extract$5 or de $combin$5) ((multi $mode near1 fib$3) or mmf) (propagat$4 adj constant) (ld or laser or led or ((light or optic$2) adj (transmit$4 or sourc $2))) (pd or photo $detect$4 or photo$diod $2 or ((light or optic$2) adj (receiv$4 or detect $4 or sens$5))) not S167	US-PGPUB; USPAT	AND	ON	2009/02/25 17:28
S175	2	(wdm or multiplex$4 or combin$4) (de$multiplex $4 or extract$5 or de $combin$5) ((multi $mode near1 fib$3) or mmf) (propagat$4 adj constant) (ld or laser or led or ((light or optic$2) adj (transmit$4 or sourc $2))) (pd or photo $detect$4 or photo$diod $2 or ((light or optic$2) adj (receiv$4 or detect $4 or sens$5))) and "5917625"	US-PGPUB; USPAT	AND	ON	2009/02/25 17:39

S178	5	(wdm or multiplex$4 or combin$4) (de$multiplex $4 or extract$5 or de $combin$5) ((multi $mode near1 fib$3) or mmf) (ld or laser or led or ((light or optic$2) adj (transmit$4 or sourc $2))) (pd or photo $detect$4 or photo$diod $2 or ((light or optic$2) adj (receiv$4 or detect $4 or sens$5))) and ("5917625" or "5784184")	US-PGPUB; USPAT	AND	ON	2009/02/25 17:41
S179	6	(wdm or multiplex$4 or combin$4) (de$multiplex $4 or extract$5 or de $combin$5) ((multi $mode near1 fib$3) or mmf) (ld or laser or led or ((light or optic$2) adj (transmit$4 or sourc $2))) (pd or photo $detect$4 or photo$diod $2 or ((light or optic$2) adj (receiv$4 or detect $4 or sens$5))) and ("5917625" or "5784184" or "20020167693")	US-PGPUB; USPAT	AND	ON	2009/02/25 17:42
S180	6	(wdm or multiplex$4 or combin$4) (de$multiplex $4 or extract$5 or de $combin$5) ((multi $mode near1 fib$3) or mmf) (ld or laser or led or ((light or optic$2) adj (transmit$4 or sourc $2))) (pd or photo $detect$4 or photo$diod $2 or ((light or optic$2) adj (receiv$4 or detect $4 or sens$5))) and ("5917625" or "5784184" or "20020167693" or "20020110318")	US-PGPUB; USPAT	AND	ON	2009/02/25 17:46
S181	8	((multi$mode near1 fib $3) or mmf) and ("5917625" or "5784184" or "20020167693" or "20020110318")	US-PGPUB; USPAT	AND	ON	2009/02/25 17:47

S182	9	((multi$mode near1 fib$3) or mmf smf) and ("5917625" or "5784184" or "20020167693" or "20020110318" or "20040197048")	US-PGPUB; USPAT	AND	ON	2009/02/25 17:59
S183	73	((multi$mode near1 fib$3) or mmf or emm or single adj mode or smf) and ("5917625" or "5784184" or "20020167693" or "20020110318" or "20040197048")	US-PGPUB; USPAT	AND	ON	2009/02/25 18:00
S184	5	((multi$mode near1 fib$3) or mmf or emm or single adj mode or smf) and ("5917625" or "5784184" or "20020167693" or "20020110318" or "20040197048").pn.	US-PGPUB; USPAT	AND	ON	2009/02/25 18:01
S185	59	(US-20050226616-$ or US-20050266854-$ or US-20050041971-$ or US-20060088319-$ or US-20050281505-$ or US-20050157995-$ or US-20020167693-$ or US-20020015555-$ or US-20040197048-$ or US-20080074645-$ or US-20060133714-$ or US-20060066839-$ or US-20050008295-$ or US-20050129404-$ or US-20060013527-$ or US-20050259935-$ or US-20080007733-$ or US-20060120722-$ or US-20060045416-$ or US-20060029392-$ or US-20050105902-$ or US-20030108292-$ or US-20020131114-$ or US-20020089717-$ or US-20020075537-$ or US-20040101242-$).did. or (US-20020071155-$ or US-20040105675-$ or US-20070047963-$ or US-20070160323-$).did. or (US-7272323-$ or US-5896211-$ or US-6661973-$ or US-	US-PGPUB; USPAT	OR	ON	2009/02/25 21:55

		7058311-$ or US-6618176-$ or US-4807227-$ or US-5504609-$ or US-6525853-$ or US-7242870-$ or US-5278687-$ or US-7380993-$ or US-7061657-$ or US-6870974-$ or US-6587615-$ or US-6522794-$ or US-5917625-$ or US-5408091-$ or US-6226091-$ or US-5832148-$ or US-5422898-$ or US-5517589-$ or US-6559988-$ or US-5652814-$ or US-6735361-$ or US-5608825-$ or US-7206509-$).did. or (US-6626591-$ or US-5379142-$ or US-5099114-$).did.				
S186	59	(multimod2 or mmf or emmm or multimod2 fib$3) and S185	US-PGPUB; USPAT	OR	ON	2009/02/25 21:56
S187	28	(multimod2 or mmf or emmm or multimod2 adj fib$3) and S185	US-PGPUB; USPAT	OR	ON	2009/02/25 21:56
S188	8	("5379142").URPN.	USPAT	OR	ON	2009/02/25 22:40
S189	1	"6525853" and single mode	USPAT	NEAR	ON	2009/02/25 23:19
S190	45	multi$mode single mode cut$off	USPAT	WITH	ON	2009/02/25 23:27
S191	2	multi$mode single adj mode cut$off frequenc$3	USPAT	WITH	ON	2009/02/25 23:27
S192	3	multi$mode single adj mode cut$off adj frequenc$3	US-PGPUB; USPAT	WITH	ON	2009/02/25 23:29
S193	93	multi$mode single adj mode cut$off	US-PGPUB; USPAT	WITH	ON	2009/02/25 23:34
S194	4	multi$mode single adj mode cut$off freq$5	US-PGPUB; USPAT	WITH	ON	2009/02/25 23:34
S195	5	(multi$mode and single adj mode) with (multimode optical transmission)	US-PGPUB; USPAT	NEAR	ON	2009/02/25 23:40

S196	144	wdm multiplex$4 and wdm demultiple$4 and (multimod2 or mmf or multi$mode fib$3)	US-PGPUB; USPAT	NEAR	ON	2009/02/26 15:05
S197	4	Method for Mode Separation Imaging and Detection of the Distinct Spatial Modes of a Multimode Optical Fiber or Multimode Optical Cavity	US-PGPUB; USPAT	NEAR	ON	2009/02/26 15:06
S199	4	(Method for Mode Separation Imaging and Detection of the Distinct Spatial Modes of a Multimode Optical Fiber or Multimode Optical Cavity) and (mmf or multimod2 or multi mod2 fib$3)	US-PGPUB; USPAT	NEAR	ON	2009/02/26 15:07
S200	60	(US-20050226616-$ or US-20050266854-$ or US-20050041971-$ or US-20060088319-$ or US-20050281505-$ or US-20050157995-$ or US-20020167693-$ or US-20020015555-$ or US-20040197048-$ or US-20080074645-$ or US-20060133714-$ or US-20060066839-$ or US-20050008295-$ or US-20050129404-$ or US-20060013527-$ or US-20050259935-$ or US-20080007733-$ or US-20060120722-$ or US-20060045416-$ or US-20060029392-$ or US-20050105902-$ or US-20030108292-$ or US-20020131114-$ or US-20020089717-$ or US-20020075537-$ or US-20040101242-$).did. or (US-20020071155-$ or US-20040105675-$ or US-20070047963-$ or US-20070160323-$ or US-20020109926-$).did. or (US-7272323-$ or US-5896211-$ or US-6661973-$ or US-7058311-$ or US-6618176-$ or US-	US-PGPUB; USPAT	OR	ON	2009/02/26 15:28

		4807227-$ or US-5504609-$ or US-6525853-$ or US-7242870-$ or US-5278687-$ or US-7380993-$ or US-7061657-$ or US-6870974-$ or US-6587615-$ or US-6522794-$ or US-5917625-$ or US-5408091-$ or US-6226091-$ or US-5832148-$ or US-5422898-$ or US-5517589-$ or US-6559988-$ or US-5652814-$ or US-6735361-$ or US-5608825-$ or US-7206509-$).did. or (US-6626591-$ or US-5379142-$ or US-5099114-$).did.				
S201	24	multiplex$4 and demultiple$4 and (multimod2 or mmf or multi$mode fib$3) and S200	US-PGPUB; USPAT	NEAR	ON	2009/02/26 15:29
S202	8	("5379142").URPN.	USPAT	OR	ON	2009/02/26 16:10
S203	3	("5379142") and (multimod2 or mmf)	USPAT	OR	ON	2009/02/26 16:11
S210	57900	(multimod2 fib$3 or mmf).ti.	US-PGPUB; USPAT	OR	ON	2009/02/26 16:15
S211	3057	(multimod2 fib$3 or mmf).ti. and wdm	US-PGPUB; USPAT	OR	ON	2009/02/26 16:15
S212	921	(multimod2 fib$3 or mmf).ti. and wdm and demultiplex$4	US-PGPUB; USPAT	OR	ON	2009/02/26 16:15
S213	727	(multimod2 fib$3 or mmf).ti. and wdm and demultiplex$4 and sources	US-PGPUB; USPAT	OR	ON	2009/02/26 16:16
S214	312	(multimod2 fib$3 or mmf).ti. and wdm and demultiplex$4 and sources and (grat$4 or bragg$grat$4)	US-PGPUB; USPAT	OR	ON	2009/02/26 16:16
S215	223	(multimod2 fib$3 or mmf).ti. and wdm and demultiplex$4 and (light or optic$2) near1 sources and (grat$4 or bragg$grat$4)	US-PGPUB; USPAT	OR	ON	2009/02/26 16:17

S216	162	(multimod2 fib$3 or mmf).ti. and wdm and demultiplex$4 and (light or optic$2) near1 sources and (grat$4 or bragg$grat$4) and (light or optic$2) near1 (receiv $4 or detect$4)	US-PGPUB; USPAT	OR	ON	2009/02/26 16:17
S217	1	(multimod2 near1 fib $3 or mmf).ti. and wdm and demultiplex$4 and (light or optic$2) near1 sources and (grat$4 or bragg$grat$4) and (light or optic$2) near1 (receiv $4 or detect$4)	US-PGPUB; USPAT	OR	ON	2009/02/26 16:18
S218	5	("5867258").URPN.	USPAT	OR	ON	2009/02/26 16:18
S219	11	(multimod2 or mmf). ti. and wdm and demultiplex$4 and (light or optic$2) near1 sources and (grat$4 or bragg$grat$4) and (light or optic$2) near1 (receiv $4 or detect$4)	US-PGPUB; USPAT	OR	ON	2009/02/26 16:19
S220	16	(2004/0105675 "5,608,825" 2006/0013527 "6,525,853") and delay	US-PGPUB; USPAT	OR	ON	2009/02/26 16:35
S221	1387	wdm and demultiple$4 and (multi$mod$2 or mmf or multi$mode fib $3)	US-PGPUB; USPAT	NEAR	ON	2009/02/26 16:41
S222	1085	wdm and demultiple$4 and (multi$mod$2 or mmf or multi$mode fib $3) and (laser$2 or ld or led or ((light or optical) near1 (sourc$2 or transmit$4 or generat $4))) and (pd or photo $diod$2 or photo$detect $4 or (electrical near1 optical) or (light or optical) near1 (sens$5 or receiv$4 or detect$4))	US-PGPUB; USPAT	NEAR	ON	2009/02/26 16:46
S230	16036	(bragg$grat$4 or grat $4) with fib$3	US-PGPUB; USPAT	NEAR	ON	2009/02/26 17:38
S231	58	(bragg$grat$4 or grat $4) with fib$3 with delay with (multiplex$4 or combin$4)	US-PGPUB; USPAT	NEAR	ON	2009/02/26 17:38

S232	11	("20020122169" | "20030043697" | "4588957" | "4738527" | "5121240" | "5210807" | "5414548" | "5574534" | "5583516" | "6323991" | "6681065").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/26 17:51
S235	5	("6626591").URPN.	USPAT	OR	ON	2009/02/26 17:54
S236	4	("7212747" or "7460829" or "7440432" or "7439485").pn.	USPAT	OR	ON	2009/02/26 17:59
S241	37	(Niiho-Tsutomu$ Masuda-Kouichi$).in.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/26 18:05
S242	3	(Niiho-Tsutomu$ Masuda-Kouichi$).in. and (multi$mod$2 or mmf)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/26 18:06

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